



## **Faculty Recruitment Announcement:**

### **Associate Investigator / Principal Investigator in Bipolar Disorder Research**

The **Laureate Institute for Brain Research (LIBR)** is seeking outstanding candidates for a tenure-track Assistant Professor position in the field of **Bipolar Disorder Research**. We invite applications from innovative researchers who are committed to advancing the understanding and treatment of bipolar disorder through cutting-edge research. This position offers a unique opportunity to work in a dynamic and multidisciplinary environment, leveraging LIBR's state-of-the-art facilities and expertise.

#### **Position Overview**

The successful candidate will contribute to LIBR's mission of neuroscience-based research in mental health, with a focus on one or more of the following thematic areas:

1. **Neurobiological Mechanisms of Bipolar Disorder**
  - Conduct studies using advanced neuroimaging techniques, such as fMRI and EEG, to investigate brain function and structure in bipolar disorder.
2. **Prediction and Early Identification**
  - Develop predictive models and identify biomarkers for early detection of bipolar disorder, utilizing electronic health records and genetic data.
3. **Transdiagnostic Interventions**
  - Design and implement interventions that address commonalities across mental health disorders, improving treatment efficacy and patient outcomes.
4. **Innovative Non-Invasive Treatments**
  - Explore and validate novel non-invasive treatment modalities, including low-intensity focused ultrasound (LIFU) and real-time fMRI neurofeedback (rt-fMRI-nf).
5. **Neurocognitive Functioning**
  - Study cognitive deficits and related neurobiological changes in bipolar disorder, employing cognitive neuroscience methodologies.

#### **Responsibilities**

- Develop and lead an independent, externally funded research program.
- Collaborate with LIBR's multidisciplinary team of scientists and clinicians.
- Publish high-impact research findings in leading scientific journals.
- Mentor graduate students, postdoctoral fellows, and research staff.
- Engage in service activities within the institute and the broader academic community.

#### **Qualifications**

- Ph.D. or M.D./Ph.D. in neuroscience, psychology, psychiatry, or a related field.
- Demonstrated expertise and research experience in one of the thematic areas specified above.
- Publication record in peer-reviewed journals.
- Evidence of the potential to obtain external funding.
- Excellent communication and interpersonal skills.

**Benefits and Support**

- Competitive salary and benefits package.
- Five years of guaranteed research support, including startup funds.
- Access to LIBR's cutting-edge facilities and resources.
- Opportunities for collaboration within a vibrant research community.
- Support for professional development and career advancement.

**Application Process**

Interested candidates should submit the following application materials to:

Colleen McCallum: [cmccallum@laureateinstitute.org](mailto:cmccallum@laureateinstitute.org)

- Cover letter outlining research interests and career goals.
- Curriculum vitae (CV).
- Research statement (2-3 pages) detailing past achievements and future plans.
- Contact information for three professional references.